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MEMORANESE FOR : Secretary of Defence

Director of Contral Intelligence

SUBJECT

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: Q-12 Banjet Drone

1. Mr. C.L. Johnson of Lockhood Aircraft Corporation completed a preliminary design fossibility study of a Q-12 ranjot drope recommissance dystem. This included fullseals medel anti-redar tests and some wind tunnel tests using a model Q-12 drose negated on a model A-12 launch vehicle. Additional tests are still in progress. In addition, four eamire contractors who were invited to submit proposals completed studies concerning a camera configuration for a Q-12 recessionage system. The reports have been reviewed by the Segety Birector (Research), CIA, and the Disector, Entional Assemblianance Granization, and the Q-12 remiet drame recommissance system is deemed to be tuchnically feasible.

2. The Q-12 raujet draws to an unmanned reconnaissance vehicle utilizing a ranjet engine already developed and

ereer to reduce vulnerability, a higher speed and altitude would be desirable but son francible with presently-developed reliable engines. Upon completion of a mission the camera paylond and inertial mavigation system will be ajected and an air-amatch recovery employed, similar to the DISCOVERER program symbon. The Aircraft structure embedies A-12 anti-radar exterials, and full-makes model tests indicate the radar crees section to be proposily comparable to the levels achieved by the A-12 vehicle with the pensibility of further improvement during the development. The most premising camera proposal for the Q-12 drose submitted by Mycon Manufacturing Company foremets an achievable ground resolution design goal of 1-1/2 foot to 2 feet at operational altitudes.

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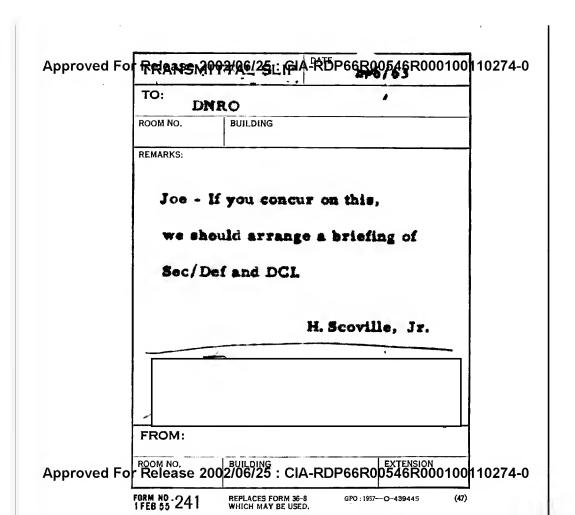
3. The present pre-	Page 2	25X
evaluated, and it is bel	ncluding engines and medification haircraft, will cost a minimum of he four camera proposals have been leved the Hycon proposal is the he point of view of cost, time scale y and quality. The preliminary	
estimate for ten much car approved Mational Recomm	mornes is a line of one of the	25X 25X
a. approvel h	e given for proceeding with the Q-19	
b. the DGD pr	regram for advanced rampet development with the aim of previding much 4 sathle follow-on validies.	
	HERBERT SCOVILLE, Jk. Deputy Director (Research)	
		-
CORCUR:		
Director, Mational Reco	maissance Organization	
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	Ar.	AT BANK

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